

ACT Profile Report - State

Graduating Class 2012
Texas



ACT, INC. -- CONFIDENTIAL

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This report provides information about the performance of your 2012 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2012 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

24% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 110,180 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 94% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 1% of the cohort took less than three years of math courses. Of these students, 13% were college ready. 11% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 15% of these students were college ready. In comparison, 53% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 2% of the cohort took less than three years of natural science courses. 11% of these students were college ready. In comparison, 29% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 43% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

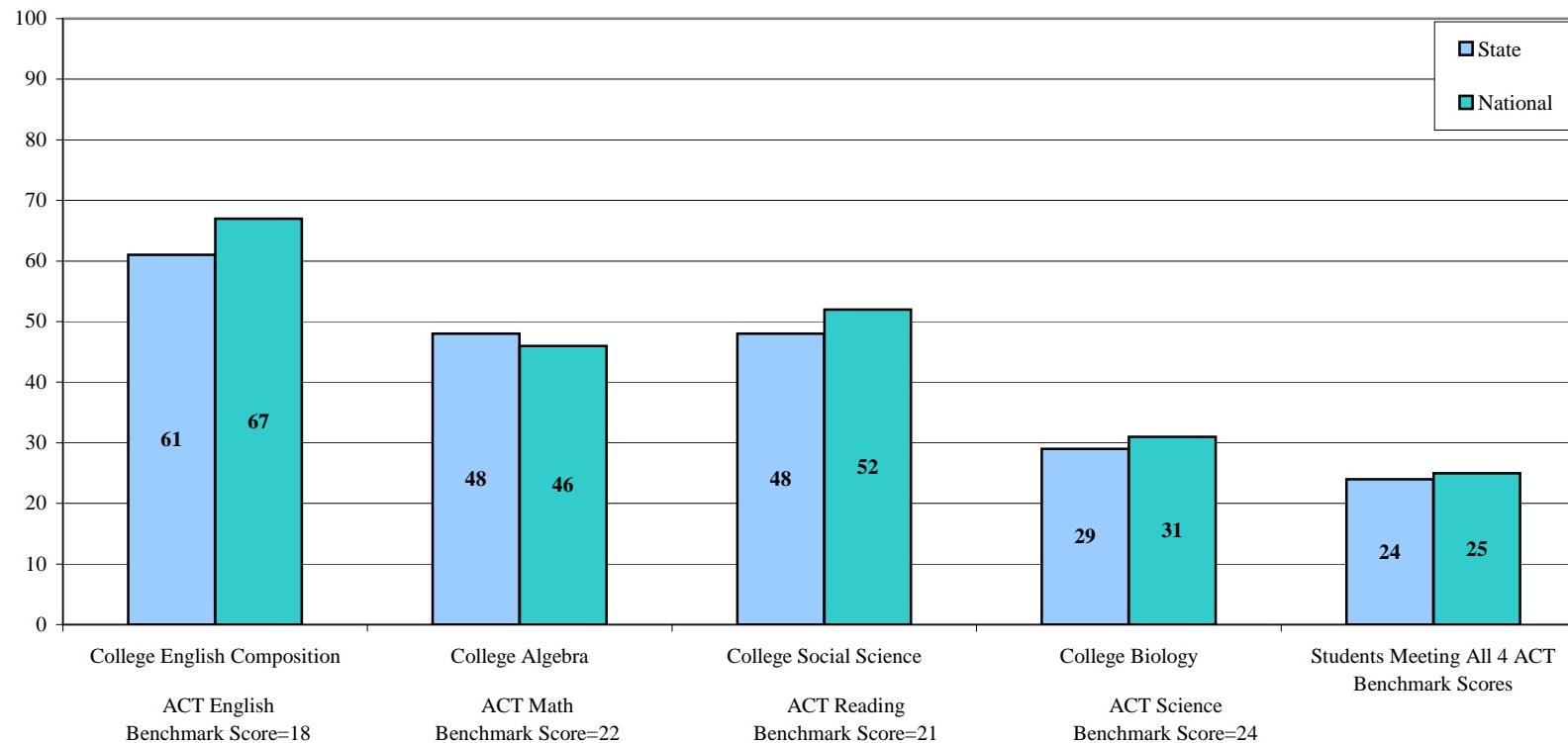
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 512-320-1850.

Section I

Executive Summary

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Figure 1.1. Percent of Your Students Ready for College-Level Coursework

A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

Year	Number of Students Tested		Percent Meeting Benchmarks									
	State National		English State National		Mathematics State National		Reading State National		Science State National		Meeting All Four State National	
2008	79,050	1,421,941	63	68	44	43	49	53	25	28	20	22
2009	82,640	1,480,469	63	67	44	42	49	53	26	28	22	23
2010	92,615	1,568,835	61	66	46	43	48	52	29	29	24	24
2011	101,569	1,623,112	60	66	48	45	48	52	28	30	24	25
2012	110,180	1,666,017	61	67	48	46	48	52	29	31	24	25

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State National		English State National		Mathematics State National		Reading State National		Science State National		Composite State National	
2008	79,050	1,421,941	19.8	20.6	21.2	21.0	20.9	21.4	20.5	20.8	20.7	21.1
2009	82,640	1,480,469	19.9	20.6	21.3	21.0	20.9	21.4	20.6	20.9	20.8	21.1
2010	92,615	1,568,835	19.7	20.5	21.4	21.0	20.8	21.3	20.9	20.9	20.8	21.0
2011	101,569	1,623,112	19.6	20.6	21.5	21.1	20.7	21.3	20.8	20.9	20.8	21.1
2012	110,180	1,666,017	19.6	20.5	21.4	21.1	20.8	21.3	20.8	20.9	20.8	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores									
	State National		English		Mathematics		Reading		Science		Composite	
2008	1,421,941		20.6		21.0		21.4		20.8		21.1	
2009	1,480,469		20.6		21.0		21.4		20.9		21.1	
2010	1,568,835		20.5		21.0		21.3		20.9		21.0	
2011	1,623,112		20.6		21.1		21.3		20.9		21.1	
2012	1,666,017		20.5		21.1		21.3		20.9		21.1	

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		English		Mathematics		Reading		Science		Composite	
	Core or More ¹	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2008	61,358	12,346	78	16	20.2	18.1	21.5	19.7	21.2	19.3	20.8	19.2	21.1	19.2
2009	70,274	9,661	85	12	20.4	17.3	21.7	19.1	21.4	18.7	21.0	18.7	21.2	18.6
2010	80,539	10,039	87	11	20.2	17.0	21.8	19.1	21.2	18.4	21.2	18.9	21.2	18.5
2011	93,858	5,925	92	6	19.9	16.9	21.7	19.2	20.9	18.3	21.0	18.6	21.0	18.4
2012	103,415	5,586	94	5	19.8	16.9	21.6	19.2	20.9	18.4	20.9	18.7	20.9	18.4

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

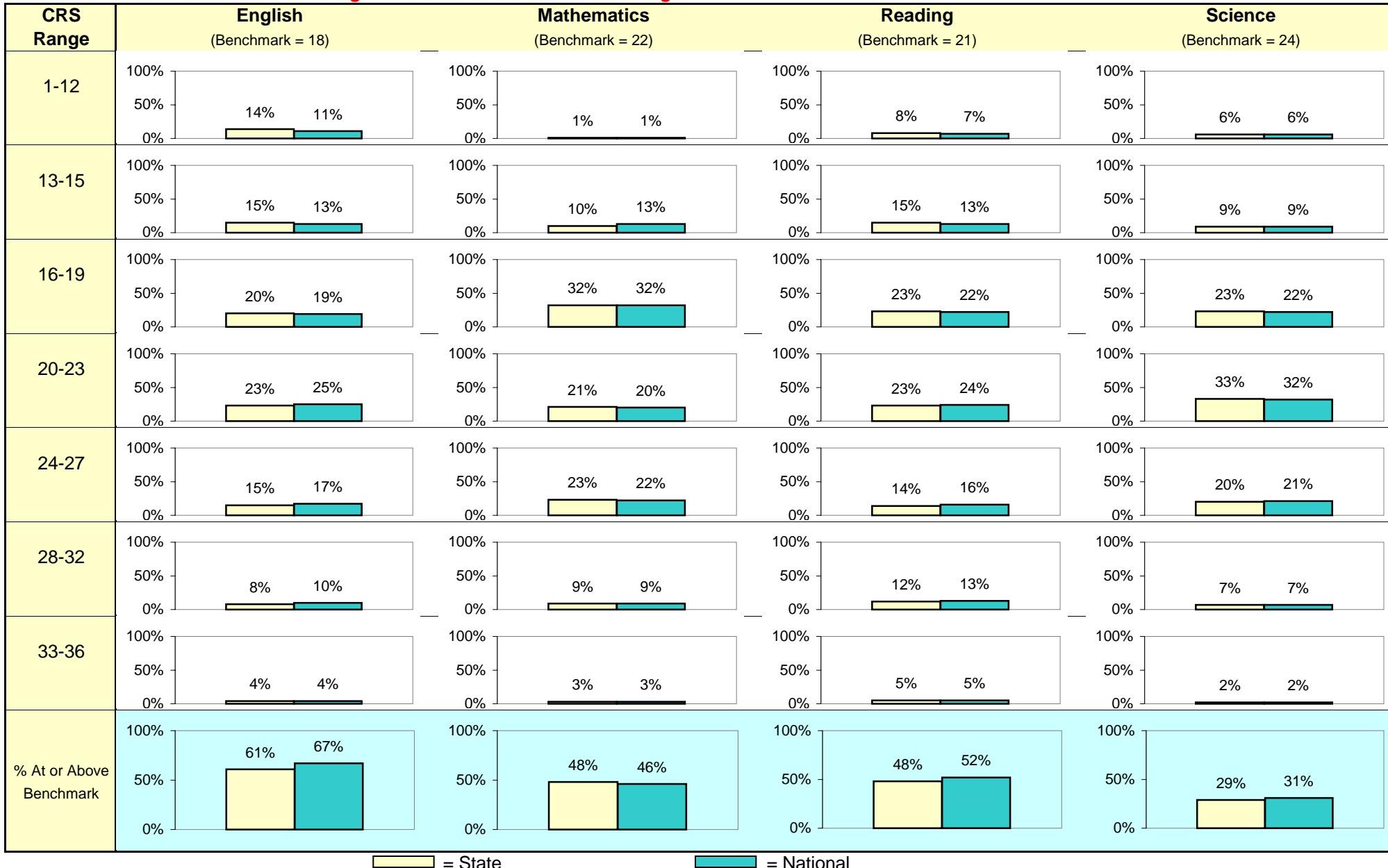
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	79,050	100	20.7	82,640	100	20.8	92,615	100	20.8	101,569	100	20.8	110,180	100	20.8
Black/African American	9,772	12	17.2	10,479	13	17.3	11,900	13	17.3	12,874	13	17.5	13,290	12	17.5
American Indian/Alaska Native	460	1	21.5	446	1	21.4	529	1	21.6	464	0	21.7	386	0	21.3
White	37,841	48	22.4	39,205	47	22.8	41,769	45	23.1	42,685	42	23.2	44,502	40	23.1
Hispanic/Latino	20,198	26	18.4	22,526	27	18.4	27,556	30	18.3	35,093	35	18.5	40,827	37	18.6
Asian	2,897	4	23.8	3,589	4	24.3	4,014	4	24.5	4,556	4	24.8	4,746	4	24.9
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	94	0	19.7	176	0	21.0
Two or more races	1,603	2	21.0	1,886	2	21.3	2,344	3	21.5	2,171	2	21.8	2,752	2	22.1
Prefer not to respond/No response	6,279	8	21.8	4,509	5	20.7	4,503	5	20.2	3,632	4	21.2	3,501	3	21.9

¹Refer to the section header on page 5 for a description of race/ethnicity changes.

Total Students in Report: 110,180

Table 1.6. Percent of Students in College Readiness Standards Score Ranges



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Section II

Academic Achievement

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 110,180

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	254	100	451	100	781	100	526	100	64	100	36
35	1,041	100	821	100	927	99	510	100	345	100	35
34	1,371	99	1,140	99	1,463	98	389	99	622	100	34
33	1,340	98	1,336	98	2,040	97	599	99	987	99	33
32	1,478	96	1,227	97	2,192	95	978	98	1,331	98	32
31	1,532	95	1,109	95	2,891	93	1,325	97	1,747	97	31
30	2,054	94	1,962	94	2,545	91	1,551	96	2,244	95	30
29	2,091	92	2,144	93	2,715	88	1,359	95	2,562	93	29
28	2,134	90	3,481	91	2,861	86	2,285	93	3,091	91	28
27	3,269	88	4,525	88	3,103	83	4,215	91	3,751	88	27
26	3,401	85	6,432	83	3,282	80	3,473	88	4,421	85	26
25	3,993	82	6,312	78	3,585	77	6,055	84	5,329	81	25
24	5,809	78	8,252	72	5,674	74	8,389	79	6,201	76	24
23	5,158	73	7,398	64	5,358	69	7,779	71	6,689	70	23
22	5,735	68	6,214	58	6,195	64	8,333	64	7,062	64	22
21	7,867	63	3,795	52	7,666	59	9,376	57	7,665	58	21
20	7,100	56	6,067	49	6,154	52	10,347	48	7,562	51	20
19	6,084	50	6,571	43	5,846	46	7,268	39	7,777	44	19
18	4,991	44	8,118	37	8,424	41	8,415	32	7,781	37	18
17	5,004	39	9,477	30	5,777	33	5,619	25	7,348	30	17
16	6,464	35	11,614	21	5,739	28	4,456	19	6,732	23	16
15	7,166	29	7,484	11	6,429	23	3,956	15	6,061	17	15
14	5,786	23	2,405	4	5,102	17	3,355	12	4,894	12	14
13	3,578	17	1,174	2	4,569	12	3,128	9	3,683	7	13
12	3,310	14	279	1	4,154	8	2,108	6	2,334	4	12
11	3,446	11	210	1	2,232	4	1,612	4	1,081	2	11
10	3,236	8	100	1	1,158	2	1,511	3	467	1	10
9	1,978	5	27	1	595	1	700	1	230	1	9
8	1,884	3	19	1	249	1	228	1	85	1	8
7	967	1	6	1	236	1	164	1	23	1	7
6	357	1	18	1	86	1	91	1	5	1	6
5	187	1	1	1	83	1	31	1	4	1	5
4	64	1	11	1	32	1	23	1	2	1	4
3	36	1	0	1	18	1	21	1	0	1	3
2	9	1	0	1	17	1	2	1	0	1	2
1	6	1	0	1	2	1	3	1	0	1	1
Avg (SD)	19.6 (6.5)		21.4 (5.2)		20.8 (6.3)		20.8 (5.2)		20.8 (5.3)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics				ACT Scale Score		
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	3,465	100	982	100	2,683	100	3,761	100	5,150	100	1,347	100	1,455	100	18
17	3,828	97	1,268	99	4,440	98	5,424	97	5,188	95	767	99	350	99	17
16	5,018	93	5,177	98	5,289	94	6,361	92	3,755	91	3,409	98	3,768	98	16
15	3,475	89	5,123	93	4,577	89	5,931	86	6,642	87	4,318	95	5,951	95	15
14	6,058	86	6,955	89	5,799	85	7,559	81	7,855	81	9,697	91	8,262	90	14
13	3,894	80	8,058	82	7,671	79	7,784	74	11,192	74	13,293	82	10,088	82	13
12	7,514	77	10,411	75	10,317	72	8,688	67	10,559	64	10,440	70	14,319	73	12
11	9,515	70	12,233	66	8,407	63	8,274	59	11,114	54	14,598	61	13,551	60	11
10	11,574	61	10,413	54	10,870	55	9,493	51	9,610	44	16,471	47	14,602	48	10
9	10,281	51	14,310	45	11,519	45	10,171	43	8,613	36	13,263	33	12,909	34	9
8	9,806	41	9,953	32	10,874	35	10,959	33	12,489	28	10,541	20	9,497	23	8
7	10,231	32	8,171	23	13,039	25	7,637	23	11,347	16	4,876	11	6,885	14	7
6	8,483	23	5,591	16	6,163	13	8,276	16	4,102	6	2,983	6	4,249	8	6
5	6,295	15	4,878	10	3,862	8	5,972	9	1,468	2	2,197	4	817	4	5
4	4,887	10	4,114	6	2,339	4	2,096	4	671	1	651	2	2,328	3	4
3	3,614	5	1,896	2	1,190	2	1,277	2	307	1	726	1	71	1	3
2	1,970	2	555	1	668	1	477	1	102	1	41	1	803	1	2
1	272	1	92	1	473	1	40	1	16	1	562	1	275	1	1
Avg (SD)	9.7 (4.0)		10.1 (3.4)		10.3 (3.7)		10.6 (3.9)		11.2 (3.5)		10.8 (2.9)		10.7 (3.0)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	24	25	25	24	24
Q2 (50th Percentile)	20	21	20	21	20
Q1 (25th Percentile)	15	17	16	18	17

Table 2.4. Average ACT Composite Scores for Race/Ethnicity¹ by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	110,180	94	20.9	18.4
	Black/African American	13,290	92	17.7	15.8
	American Indian/Alaska Native	386	92	21.5	18.2
	White	44,502	95	23.2	21.0
	Hispanic/Latino	40,827	93	18.8	16.8
	Asian	4,746	96	24.9	23.7
	Native Hawaiian/Other Pac. Isl.	176	93	21.0	20.0
	Two or more races	2,752	95	22.3	19.1
	Prefer not/No Response	3,501	91	22.2	19.3
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

¹Refer to the section header on page 11 for a description of race/ethnicity changes.²"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.**Table 2.5. Average ACT Scores by Race/Ethnicity¹**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	19.6	21.4	20.8	20.8	20.8
	Black/African American	16.1	18.3	17.4	17.8	17.5
	American Indian/Alaska Native	20.2	21.7	21.4	21.2	21.3
	White	22.4	23.4	23.2	22.8	23.1
	Hispanic/Latino	17.0	19.5	18.5	18.9	18.6
	Asian	23.7	26.7	24.2	24.3	24.9
	Native Hawaiian/Other Pac. Isl.	19.7	21.9	20.8	20.8	21.0
	Two or more races	21.3	22.4	22.4	21.9	22.1
	Prefer not/No Response	21.1	22.4	22.1	21.7	21.9
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

¹Refer to the section header on page 11 for a description of race/ethnicity changes.

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	4,006	4	3,748	3	5,211	5	2,024	2
	28 to 32	9,289	8	9,923	9	13,204	12	7,498	7
	24 to 27	16,472	15	25,521	23	15,644	14	22,132	20
	20 to 23	25,860	23	23,474	21	25,373	23	35,835	33
	16 to 19	22,543	20	35,780	32	25,786	23	25,758	23
	13 to 15	16,530	15	11,063	10	16,100	15	10,439	9
	01 to 12	15,480	14	671	1	8,862	8	6,494	6
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	Average ACT Scores						
		N	Percent	English	Mathematics	Reading	Science	Composite
State	Males	49,905	45	19.3	22.0	20.7	21.3	21.0
	Females	60,260	55	19.9	20.9	20.8	20.3	20.6
	Missing	15	0	14.9	17.9	17.8	18.3	17.3
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	17.5

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students					Meet All Four
		English	Mathematics	Reading	Science	All Four	
State	Males	59	52	48	34	28	
	Females	62	44	49	25	21	
National	Males	64	50	51	35	29	
	Females	69	42	53	27	22	

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	103,415	62	19.8	49	21.6	49	20.9	30	20.9	25	20.9
	Less than Core	5,586	41	16.9	29	19.2	32	18.4	16	18.7	13	18.4
	Missing ³	1,179	48	17.4	37	20.0	35	18.9	19	19.4	15	19.0
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

¹ "Curriculum Taken" reflects overall high school curriculum in this table.² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.³ Zero years or no coursework information reported in one or more content areas.⁴ Composite CRB% results reflect students who meet all four subject-area benchmarks.**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken ¹	N	English		Mathematics			Reading			Science			
			N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	107,761	61	19.7	107,930	48	21.5	106,912	49	20.8	106,900	29	20.8	
	Less than Core	1,347	45	17.3	1,148	13	17.0	2,173	35	18.9	2,167	11	17.9	
	Missing ³	1,072	50	17.7	1,102	38	20.1	1,095	36	19.1	1,113	20	19.5	
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4	
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4	
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9	

¹ "Curriculum Taken" reflects content-specific curriculum in this table.² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

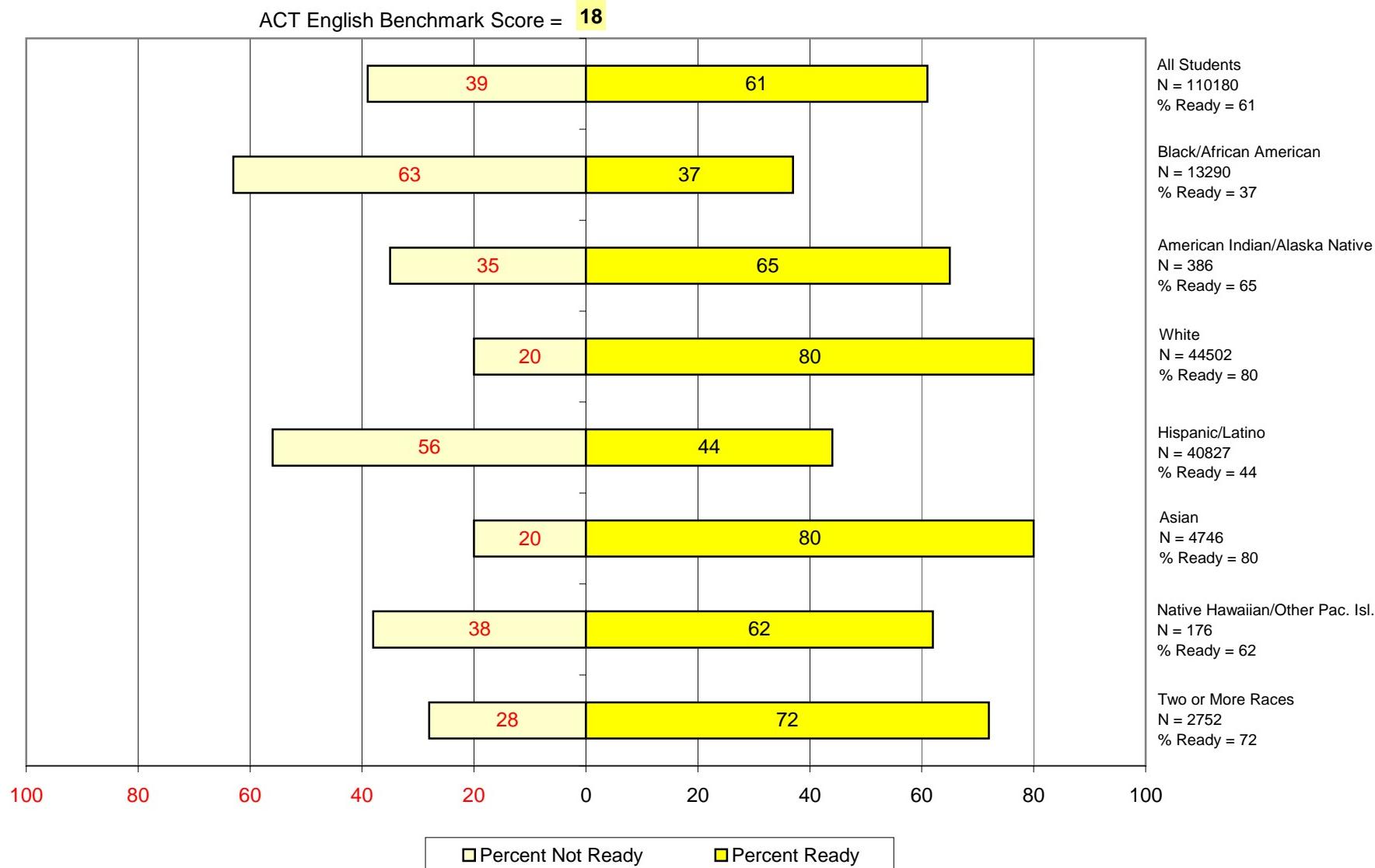
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH¹Refer to the section header on page 17 for a description of race/ethnicity changes.

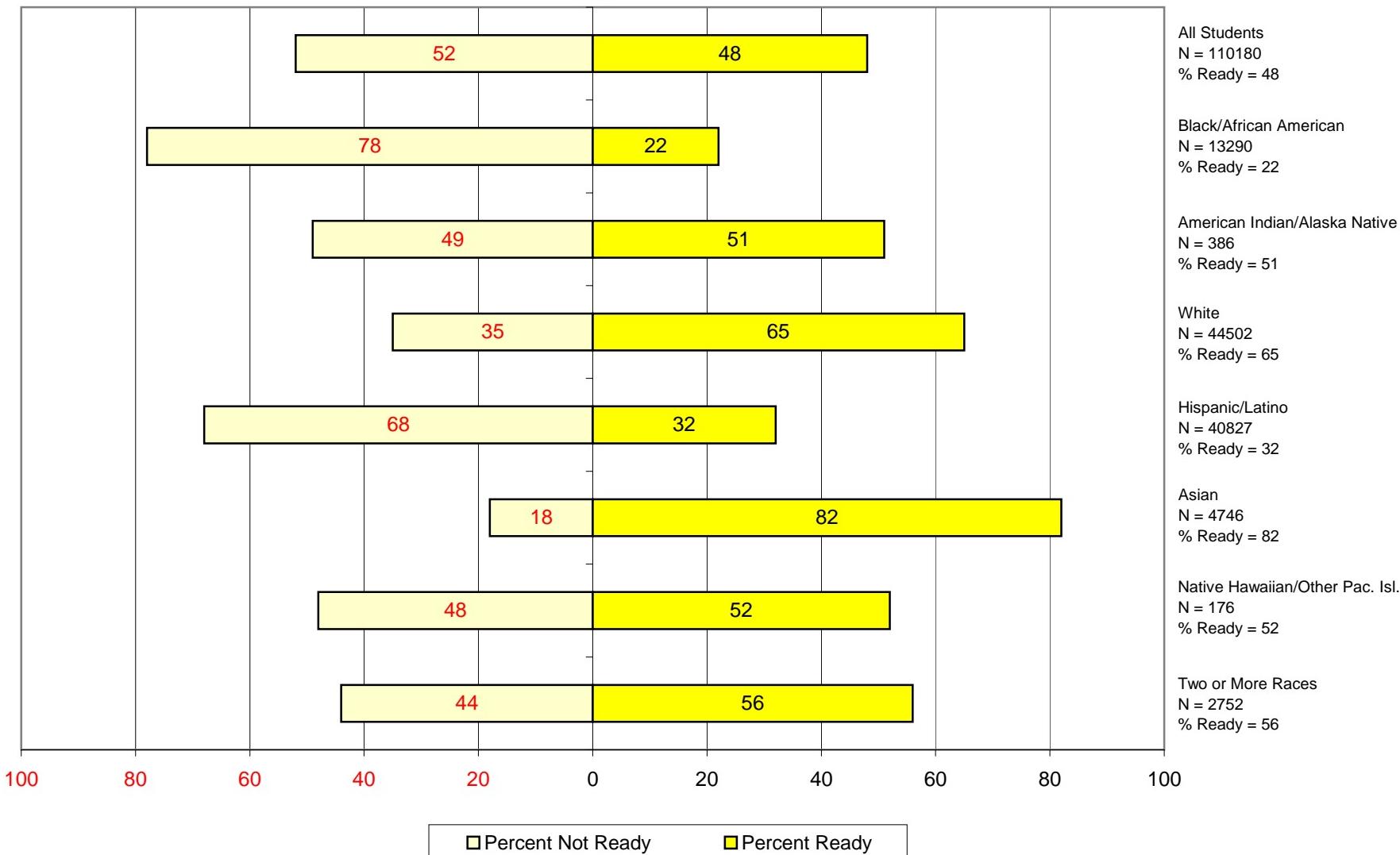
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICSACT Mathematics Benchmark Score = **22**¹Refer to the section header on page 17 for a description of race/ethnicity changes.

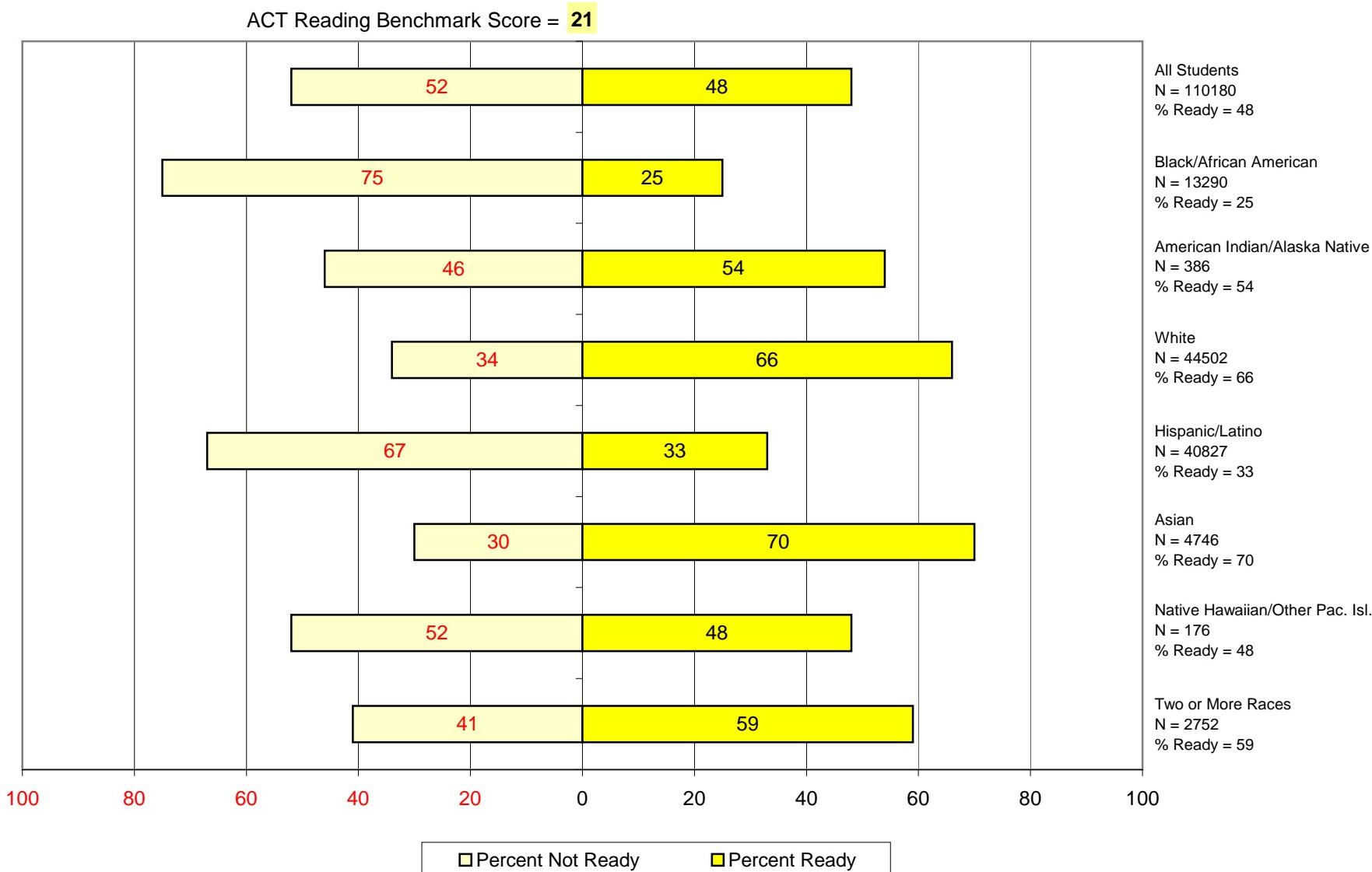
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING¹Refer to the section header on page 17 for a description of race/ethnicity changes.

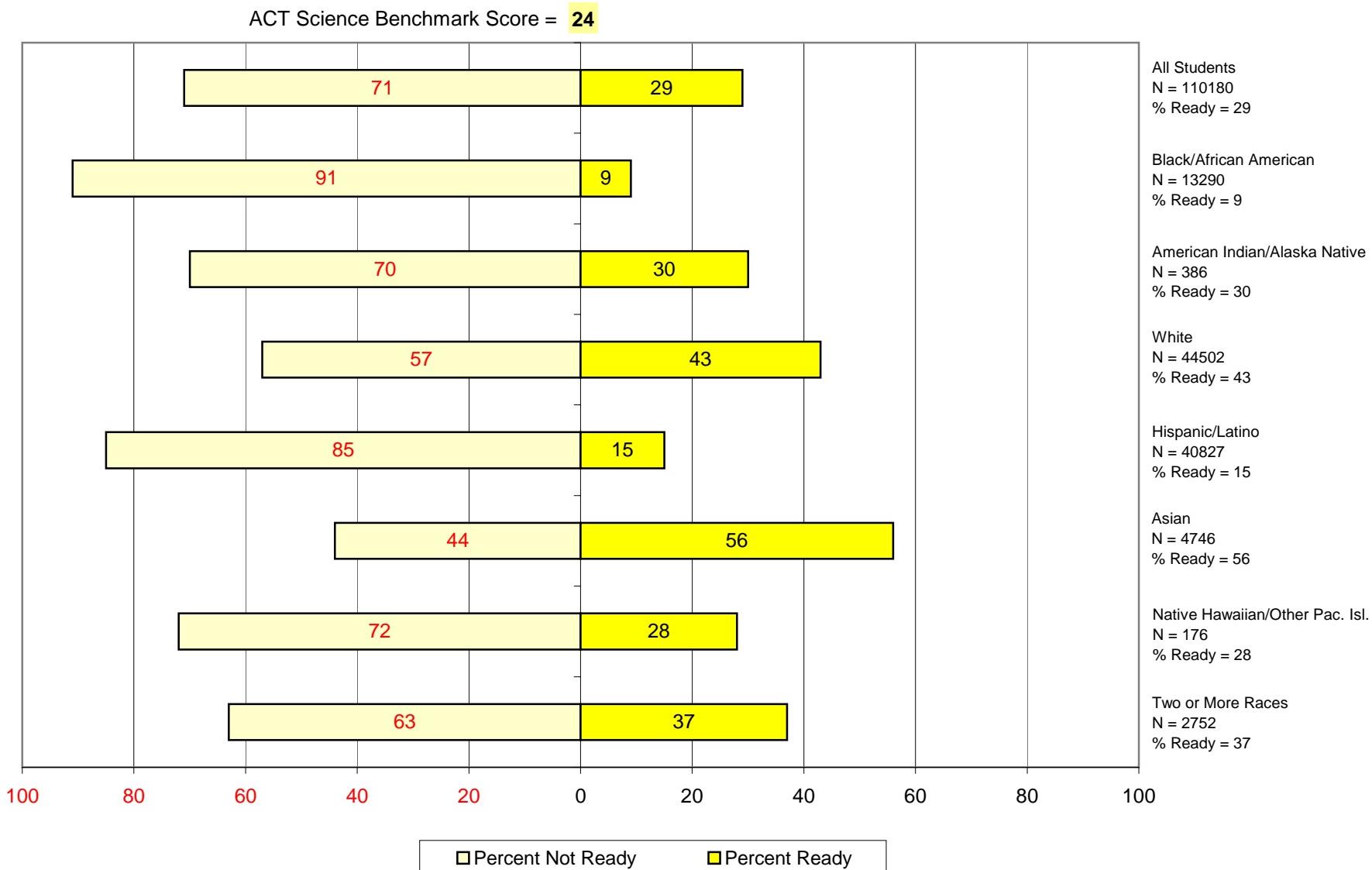
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE¹Refer to the section header on page 17 for a description of race/ethnicity changes.

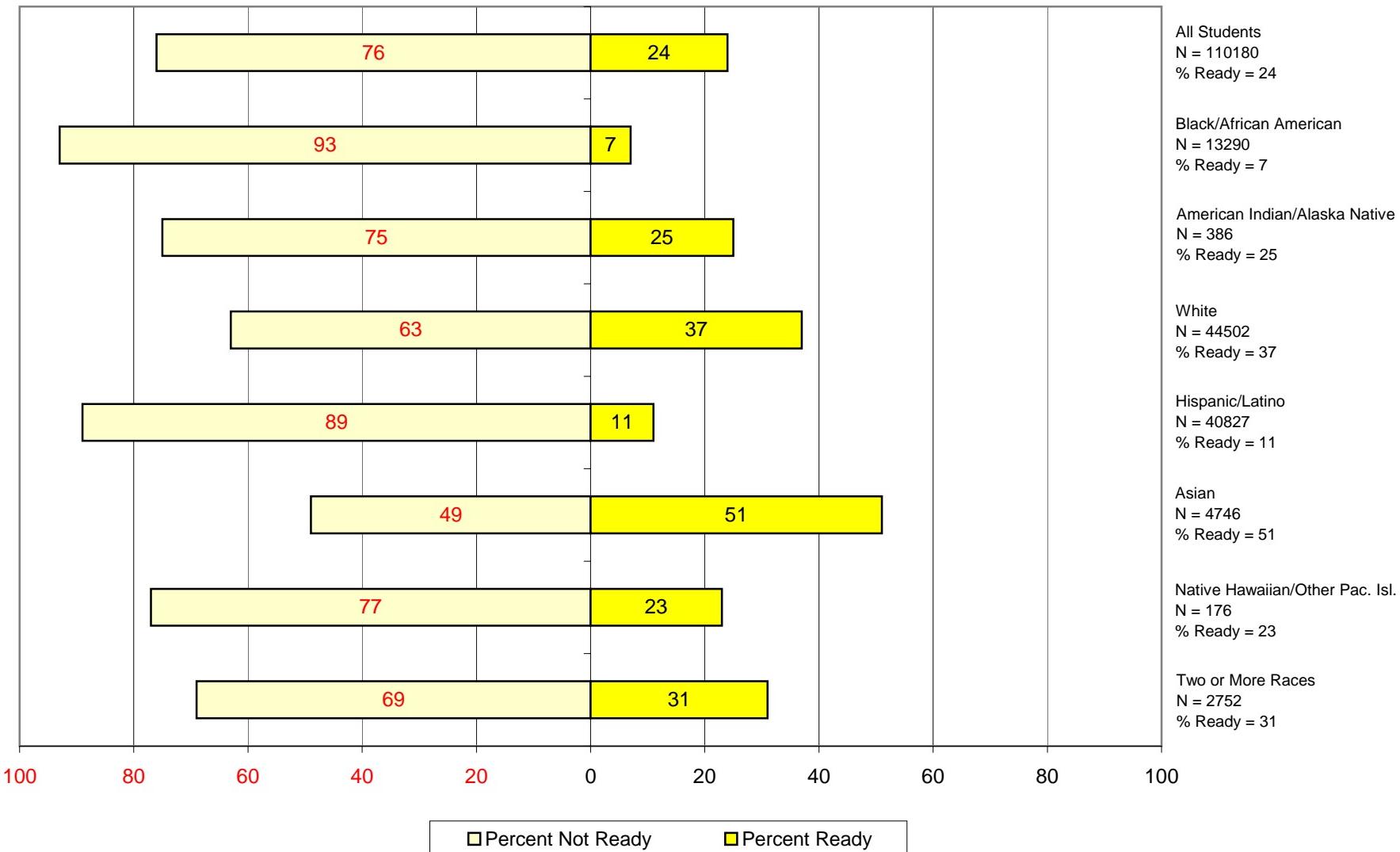
Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ALL FOUR¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students					Males					Females				
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹			
ENGLISH COURSE PATTERN															
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	21,057	19	19.6	2.3	9,421	19	19.1	2.2	11,636	19	19.9	2.2			
Eng 9, Eng 10, Eng 11, Eng 12	86,704	79	19.7	2.4	39,281	79	19.4	2.5	47,415	79	19.9	2.2			
Less than 4 years of English	1,347	1	17.3	-	624	1	16.9	-	723	1	17.7	-			
Zero years / no English courses reported	1,072	1	17.7	-	579	1	17.4	-	486	1	18.0	-			
MATHEMATICS COURSE PATTERN	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹			
Alg 1, Alg 2, Geom, Trig, & Calc	4,993	5	23.7	6.7	2,303	5	24.4	7.4	2,689	4	23.1	6.1			
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,879	4	22.7	5.7	1,524	3	23.1	6.1	2,355	4	22.4	5.4			
Alg 1, Alg 2, Geom, & Trig	2,661	2	20.4	3.4	1,175	2	20.7	3.7	1,486	2	20.2	3.2			
Alg 1, Alg 2, Geom, & Other Adv Math	28,030	25	20.3	3.3	10,901	22	20.6	3.6	17,128	28	20.1	3.1			
Other comb of 4 or more years of Math	46,470	42	23.2	6.2	23,167	46	23.9	6.9	23,302	39	22.6	5.6			
Alg 1, Alg 2, & Geom	11,917	11	17.6	0.6	5,171	10	17.8	0.8	6,743	11	17.5	0.5			
Other comb of 3 or 3.5 years of Math	9,980	9	20.1	3.1	4,491	9	20.6	3.6	5,488	9	19.7	2.7			
Less than 3 years of Math	1,148	1	17.0	-	580	1	17.0	-	567	1	17.0	-			
Zero years / no Math courses reported	1,102	1	20.1	-	593	1	20.5	-	502	1	19.7	-			
SOCIAL SCIENCE COURSE PATTERN	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹			
US Hist, World Hist, Am Gov, & Other Hist	623	1	21.5	2.6	328	1	21.1	2.1	295	0	22.0	3.1			
Other comb of 4 or more years Social Science	93,544	85	21.0	2.1	41,594	83	21.0	2.0	51,945	86	21.0	2.1			
US Hist, World Hist, & Am Gov	582	1	18.5	-0.4	289	1	18.2	-0.8	293	0	18.8	-0.1			
Other comb of 3 or 3.5 years of Social Science	12,163	11	19.3	0.4	5,974	12	19.4	0.4	6,188	10	19.2	0.3			
Less than 3 years of Social Science	2,173	2	18.9	-	1,133	2	19.0	-	1,039	2	18.9	-			
Zero years / no Social Science courses reported	1,095	1	19.1	-	587	1	19.1	-	500	1	19.1	-			
NATURAL SCIENCE COURSE PATTERN	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹			
Gen Sci ² , Bio, Chem, & Phys	72,196	66	20.9	3.0	33,966	68	21.4	3.4	38,225	63	20.4	2.5			
Bio, Chem, Phys	28,435	26	21.2	3.3	11,774	24	22.0	4.0	16,660	28	20.6	2.7			
Gen Sci ² , Bio, Chem	5,804	5	18.5	0.6	2,468	5	18.5	0.5	3,335	6	18.5	0.6			
Other comb of 3 years of Natural Science	465	0	19.9	2.0	227	0	20.7	2.7	238	0	19.1	1.2			
Less than 3 years of Natural Science	2,167	2	17.9	-	869	2	18.0	-	1,297	2	17.9	-			
Zero years / no Natural Science courses reported	1,113	1	19.5	-	601	1	19.8	-	505	1	19.2	-			

¹Course value added is defined as the average ACT score change compared to course sequences in which students took

less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	N	State			N	National		
		Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark		Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	21,057	19	19.6	60	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	86,704	79	19.7	61	1,178,400	71	20.5	67
Less than 4 years of English	1,347	1	17.3	45	64,748	4	16.5	41
Zero years / no English courses reported	1,072	1	17.7	50	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	4,993	5	23.7	66	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,879	4	22.7	64	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	2,661	2	20.4	42	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	28,030	25	20.3	40	279,658	17	19.9	36
Other comb of 4 or more years of Math	46,470	42	23.2	62	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	11,917	11	17.6	15	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	9,980	9	20.1	37	82,509	5	19.9	35
Less than 3 years of Math	1,148	1	17.0	13	69,741	4	16.6	8
Zero years / no Math courses reported	1,102	1	20.1	38	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	623	1	21.5	52	47,179	3	22.3	59
Other comb of 4 or more years Social Science	93,544	85	21.0	50	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	582	1	18.5	31	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	12,163	11	19.3	37	452,172	27	21.2	51
Less than 3 years of Social Science	2,173	2	18.9	35	149,266	9	19.7	40
Zero years / no Social Science courses reported	1,095	1	19.1	36	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	72,196	66	20.9	30	740,499	44	21.9	39
Bio, Chem, Phys	28,435	26	21.2	32	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	5,804	5	18.5	13	466,992	28	20.0	22
Other comb of 3 years of Natural Science	465	0	19.9	23	45,992	3	19.5	20
Less than 3 years of Natural Science	2,167	2	17.9	11	194,661	12	18.4	13
Zero years / no Natural Science courses reported	1,113	1	19.5	20	46,139	3	17.9	14

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories.

Therefore, trend data may not be present where direct conversions are not available.

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	2,104	2	19.6	90	3	16.2	1,825	2	19.9
Architecture	2,177	2	20.4	43	1	16.3	1,834	2	20.8
Area, Ethnic, & Multidisciplinary Studies	153	0	22.4	4	0	18.3	135	0	22.6
Arts: Visual & Performing	6,661	6	20.3	221	6	16.5	5,554	6	20.8
Business	11,522	10	20.7	467	13	16.3	9,686	11	21.2
Communications	2,698	2	21.3	39	1	16.7	2,365	3	21.5
Community, Family, & Personal Services	1,965	2	18.2	156	4	15.9	1,575	2	18.7
Computer Science & Mathematics	2,531	2	22.1	78	2	16.9	2,116	2	22.6
Education	6,409	6	19.5	122	3	15.8	5,640	6	19.8
Engineering	10,465	9	23.0	174	5	16.0	9,105	10	23.4
Engineering Technology & Drafting	1,627	1	19.1	133	4	15.7	1,248	1	20.0
English & Foreign Languages	997	1	23.6	10	0	16.6	872	1	23.8
Health Administration & Assisting	4,310	4	17.4	298	9	15.6	3,361	4	17.8
Health Sciences & Technologies	21,793	20	20.5	631	18	16.7	18,905	21	20.9
Philosophy, Religion, & Theology	589	1	21.4	15	0	16.9	517	1	21.8
Repair, Production, & Construction	600	1	16.8	207	6	16.1	287	0	17.7
Sciences: Biological & Physical	7,097	6	22.9	62	2	17.3	6,395	7	23.1
Social Sciences & Law	9,404	9	20.5	185	5	15.9	8,041	9	20.9
Undecided	15,747	14	20.8	551	16	16.2	11,773	13	21.4
No Response	1,331	1	19.2	17	0	17.4	412	0	20.8

¹Refer to the section header on page 25 for a description of educational major changes.²2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.³Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Table 4.2. Average ACT Composite Scores for Racial/Ethnic¹ Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	899	16.5	151	14.7	5	15.6	250	18.4	404	15.5
2-yr College Degree	2,604	16.2	278	14.6	4	19.0	753	17.9	1,463	15.5
Bachelors Degree	50,193	19.8	6,172	16.7	175	19.8	22,083	21.8	18,119	18.1
Graduate Study	16,503	23.5	1,527	19.4	68	23.6	8,701	25.0	4,301	21.2
Prof. Level Degree	24,950	22.6	3,271	19.5	92	23.1	8,699	25.0	9,125	20.5
Other	1,471	17.6	223	15.2	3	21.3	401	19.9	678	16.5
No Response	13,560	19.3	1,668	16.2	39	20.5	3,615	23.0	6,737	17.1

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	899	16.5	40	20.8	3	17.7	17	17.6	29	16.1
2-yr College Degree	2,604	16.2	20	16.9	3	17.0	32	17.0	51	16.3
Bachelors Degree	50,193	19.8	1,143	22.1	71	19.4	1,184	20.6	1,246	20.0
Graduate Study	16,503	23.5	811	25.6	29	23.1	469	24.0	597	24.4
Prof. Level Degree	24,950	22.6	2,049	26.2	46	22.9	796	23.8	872	24.2
Other	1,471	17.6	48	22.7	7	17.3	32	19.2	79	18.4
No Response	13,560	19.3	635	25.4	17	21.5	222	22.0	627	21.6

¹Refer to the section header on page 25 for a description of race/ethnicity changes.

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
TEXAS A&M UNIVERSITY-MAIN CAMPUS	Texas	14,841	5,777	9,064	1	5	16	30	30	16	2
UNIV OF TEXAS AT AUSTIN	Texas	14,622	5,000	9,622	2	6	18	27	26	17	3
TEXAS TECH UNIVERSITY	Texas	9,721	2,830	6,891	2	7	24	34	23	9	1
TEXAS STATE UNIVERSITY-SAN MARCOS	Texas	9,586	2,784	6,802	3	12	32	33	16	4	0
Baylor University	Texas	8,819	2,827	5,992	2	7	19	30	27	14	1
UNIV OF TEXAS AT SAN ANTONIO	Texas	8,483	1,977	6,506	4	17	37	28	11	3	0
UNIV OF TEXAS PAN AMERICAN	Texas	6,557	3,579	2,978	7	27	41	19	5	1	0
UNIVERSITY OF NORTH TEXAS	Texas	6,240	1,942	4,298	2	11	27	33	20	7	1
UNIVERSITY OF HOUSTON-MAIN CAMPUS	Texas	5,561	1,472	4,089	4	14	31	29	16	6	0
TEXAS CHRISTIAN UNIVERSITY	Texas	5,236	1,249	3,987	2	7	20	29	28	14	1
SAM HOUSTON STATE UNIVERSITY	Texas	4,751	1,500	3,251	4	17	37	28	11	2	0
STEPHEN F AUSTIN STATE UNIVERSITY	Texas	4,210	1,097	3,113	3	15	34	31	13	4	0
UNIV OF TEXAS AT ARLINGTON	Texas	3,679	988	2,691	4	14	31	29	16	6	0
TEXAS A&M UNIVERSITY-CORPUS CHRISTI	Texas	3,632	869	2,763	5	20	38	26	9	2	0
SOUTH TEXAS COLLEGE	Texas	3,400	956	2,444	11	36	39	12	2	0	0
RICE UNIVERSITY	Texas	3,153	994	2,159	1	3	9	19	26	32	10
TEXAS A & M UNIVERSITY-KINGSVILLE	Texas	3,107	751	2,356	7	27	39	21	5	1	0
TARLETON STATE UNIVERSITY	Texas	2,570	900	1,670	2	12	35	33	15	3	0
NCAA ELIGIBILITY CENTER	Indiana	2,393	1,330	1,063	4	13	28	28	18	8	1
ANGELO STATE UNIVERSITY	Texas	2,248	840	1,408	3	13	34	31	15	3	0
UNIVERSITY OF OKLAHOMA	Oklahoma	2,107	599	1,508	1	3	12	29	34	20	2
SOUTHERN METHODIST UNIVERSITY	Texas	2,082	477	1,605	2	6	14	25	29	20	3
OKLAHOMA STATE UNIVERSITY	Oklahoma	1,955	542	1,413	1	5	19	31	30	12	1
WEST TEXAS A&M UNIVERSITY	Texas	1,931	654	1,277	3	12	33	31	16	4	0
UNIV OF TEXAS AT EL PASO	Texas	1,911	927	984	8	23	39	23	6	2	0
ABILENE CHRISTIAN UNIVERSITY	Texas	1,835	629	1,206	1	7	25	35	23	8	1
UNIVERSITY OF ARKANSAS	Arkansas	1,525	537	988	0	2	12	35	35	14	1
PRAIRIE VIEW A & M UNIVERSITY	Texas	1,476	463	1,013	11	34	38	14	3	0	0
BLINN COLLEGE	Texas	1,473	338	1,135	4	16	34	30	13	2	0
UNIV OF TEXAS AT DALLAS	Texas	1,457	316	1,141	1	7	19	28	26	16	2
All Other Institutions		85,893	23,567	62,326	4	13	26	25	18	11	2
Total		226,454	68,711	157,743	3	13	27	27	19	10	2

Section V

Optional Writing Test Results

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity¹ and Gender for students who took ACT Writing

	N		English		Average ACT Scores		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	85,866	931,148	20.0	21.5	6.4	7.1	19.1	20.7
Black/African American	9,260	113,247	16.6	16.6	5.9	6.2	16.0	16.4
American Indian/Alaska Native	283	5,233	20.6	17.8	6.6	6.5	19.7	17.5
White	33,245	518,974	23.1	23.2	6.8	7.2	21.6	22.1
Hispanic/Latino	33,833	150,249	17.2	18.5	6.1	6.8	16.7	18.3
Asian	4,247	53,381	24.3	23.7	7.4	7.6	23.1	22.8
Native Hawaiian/Other Pac. Isl.	135	2,851	20.4	19.9	6.7	7.1	19.6	19.6
Two or more races	2,062	32,346	21.9	21.9	6.7	7.1	20.7	21.1
Prefer not/No Response	2,801	54,867	21.6	21.8	6.7	7.1	20.5	21.0
Males	37,889	413,617	19.8	21.2	6.2	6.8	18.7	20.3
Females	47,964	515,745	20.2	21.7	6.6	7.2	19.4	21.1
Missing	13	1,786	15.1	16.8	5.8	6.3	14.8	16.6

¹Refer to the section header on page 29 for a description of race/ethnicity changes.

